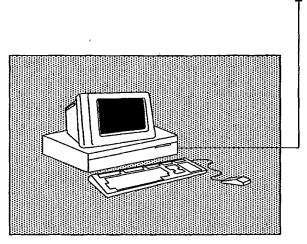


**SUBSTITUTE SHEET (RULE 26)** 

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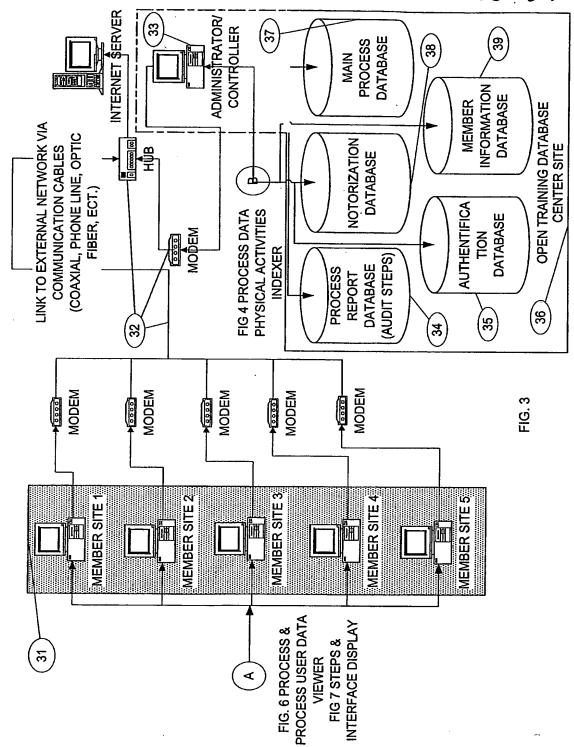
LINK TO EXTERNAL NETWORK VIA COMMUNICATION CABLES (COAXIAL, PHONE LINE, OPTIC FIBER, ECT.)



MEMBER SITE

FIG. 2

1.17



SUBSTITUTE SHEET (RULE 26)

FIG. 4

CONSULT

REQUESTED

TRAINING SCENARIO

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С

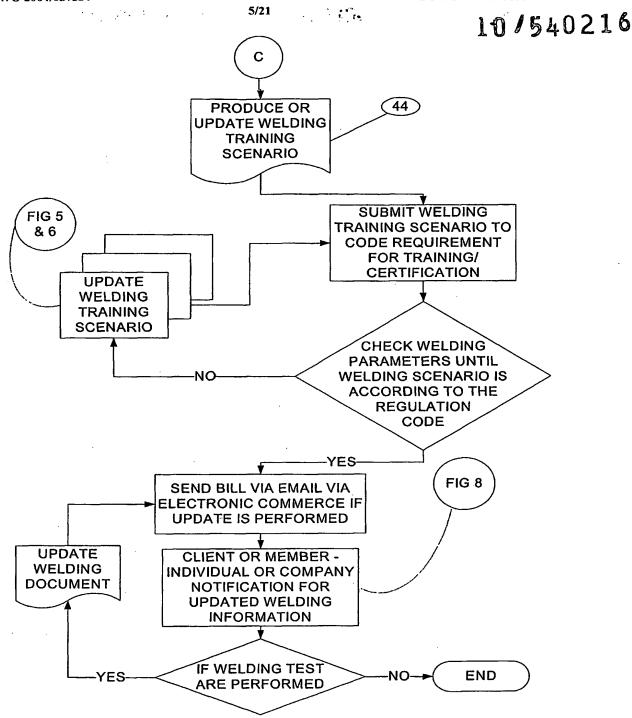


FIG. 4 (Continuity)

**SUBSTITUTE SHEET (RULE 26)** 

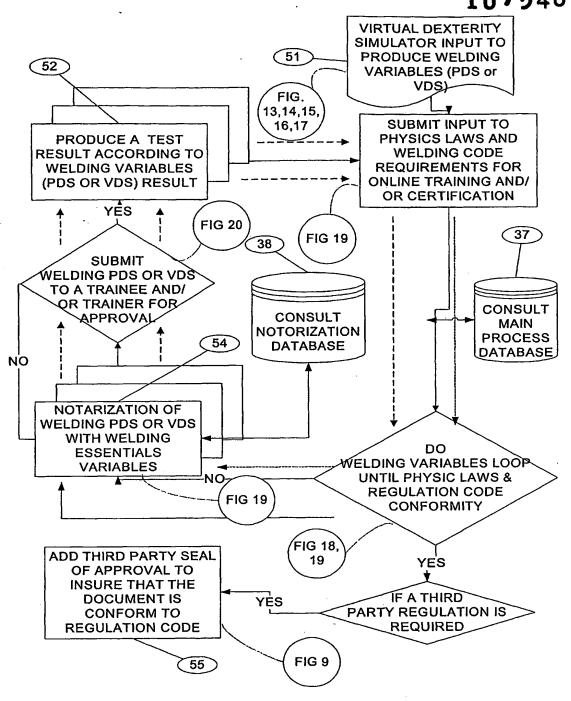


FIG. 5

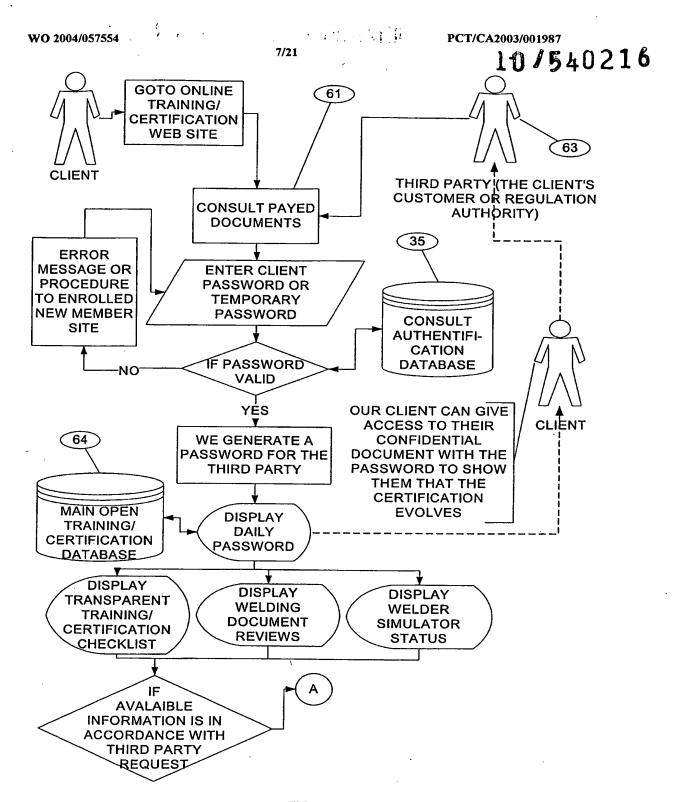


FIG. 6

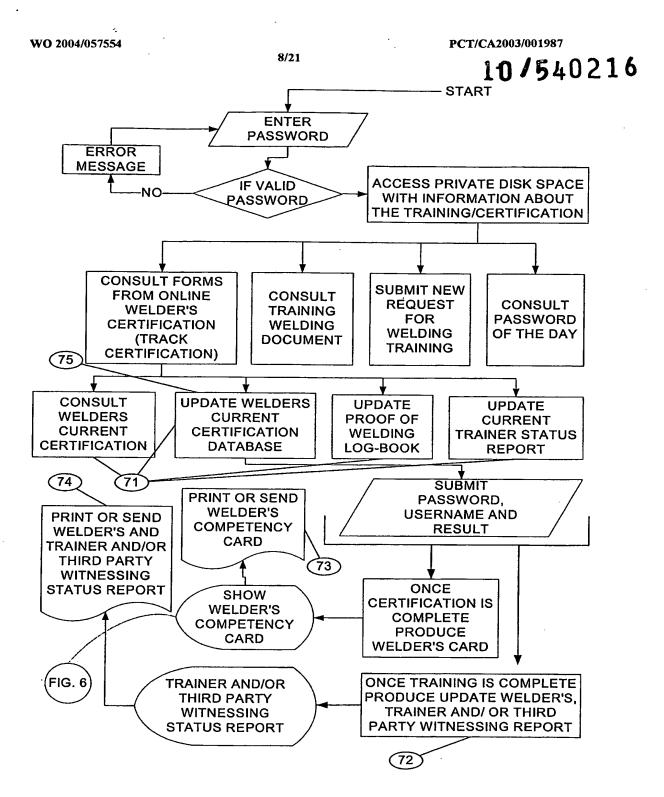


FIG. 7

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YOUR LOGO,	CARD NO 0472-2	WELDER & WELDING OPER	WELDER & WELDING OPERATOR QUALIFICATION REPORT
YOUR COMPANY		COMPLIA	THE CODE: AWS D1.1
CARD HOLDER (81)	WELDER'S NAME LIEST BY	(	C    OLAUDE CHOQUET (84)
EMISSION DATE	JUNE 132001	CATE OF APPROBATION 445 JUIN 2000	48 JUIN 2000
EXPIRATION DATE	JUNE 13 2003		(86)
		70)	
PROCESS	GMAW	APPROVED BY:	SUPERVISER'S NAME
POSITION	FLAT		
ELECTRODE/FILLER METAL	ER480-S6 83		
MINIMUM PERMITTED TH'K	5/8 "	SUPERVISER	HOLDER'S SIGNATURE

ا<u>ن</u> 8.8

					(91)							
EVOL	UTION OF THE	ONLINE CERTIFI	CATION									
WELD	ER NAME	`.	92)	<del></del>								
BASE	METAL:		92									
DATE	:											
ITEM NO	OPERATION		RESP.	DIGITAL PRINT								
1	GET THE BAS TEST	AW	UPDATE									
2	GET THE FILLER METAL ACCORDING TO THE CODE AW UPD TEST REVIEW THE WELDING DATA SHEET WITH THE											
3	WELDING EN	WE	<u>UPDATE</u>									
4	PREPARATIO	AW	UPDATE									
5	PUNCH THE A	AW	<u>UPDATE</u>									
6	GET IN CONT.	AW	UPDATE									
7	VERIFICATION	₩.	UPDATE									
		35/217		Law	LIP							
16		BENDING	·		<u> ۱۳۱</u> ۳							
17		- EVALUATION (	OF THE RESULTS	AW	<u>UPDATE</u>							
18		ACCE	PTED [] REFUSED []	WE	UPDATE							
19	IF TEST BY X-	RAY ACCE	PTED  REFUSED	LABO	<u>UPDATE</u>							
20	ASSESSMENT RESPONSIBLE	OF THE RESULT E PERSON	S BY THE	ÀW	<u>UPDATE</u>							
21	l		N THE B AND D FORMS	AW	UPDATE							
22	INTERVENING	PARTIES	TS TO THE DIFFERENT	AW	<u>UPDATE</u>							
EGEN		US DATED OF: 04 R; WE: WELDING I	I-02-26 09:58:22 ENGINEER; AW: AUTHOI	RIZED WO	ORKER;							
(94	<u> </u>	95		96)	97							

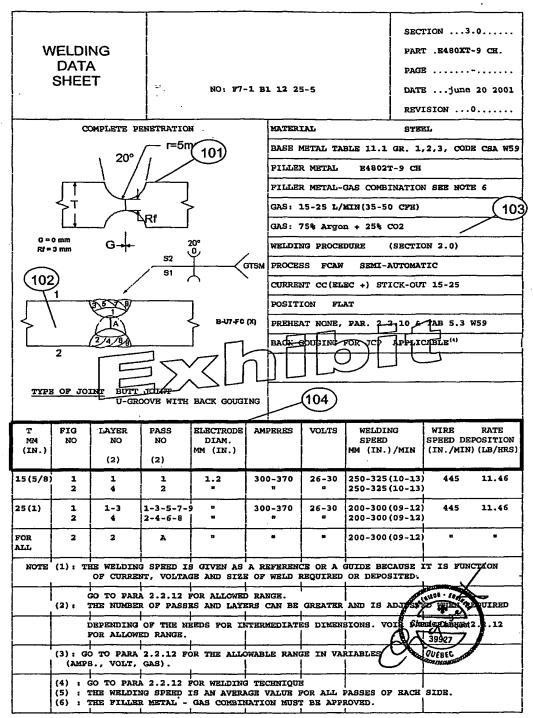
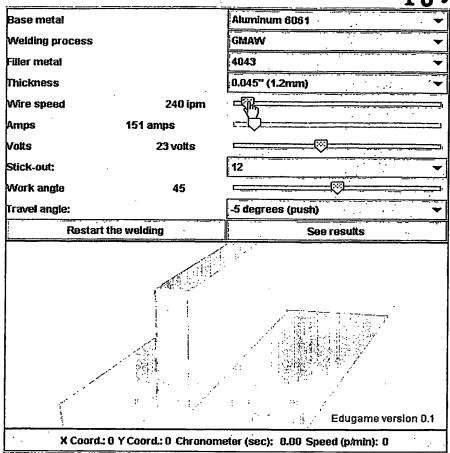


FIG. 10

WO 2004/057554								12/21								PCT/CA2003/001987						
					<del>(</del> 2)	(12)			,	416			(119)	) ( <u>c</u>		(	(24)	JI	) <i>[</i>	94	UΖ	TO
ata sheet 2003-11-15 (105)	Material: (106)	Welding process: W59.2 (107) ▼	3ase metal: 6061 T4 (108) ▼	electrode type: (109)	3as; 100% Ar	3as: (11) 15.25 limin (35.50 CH)	Welding process:	Current: cc (Elec +) (13)	Stick-out:	Position: Flat	Pre-heat: 1510°C (50°F) et T<65°C (1527	Back gouging for JCP: NIA (17)	Cleaning: (118)	Travel angle: 5 degrees (push)	Work angle 45%	Restart Numeric results Graphic results	X: 225 Y: 214 — (123) Chronometer (sec); 2.3	Welding speed Thickness Wire speed 200 ipm Melting rate	0 6X6X3/8 V 1198 - 202   2.49	FIG. 11 (31) (32) (33) (34)		
Welding data sheet			(36)			(E)	(3)	)	19			(135)	)	Edugame version 0.2	Save into the database	Joint type: (121) I joint	Gap: (122) 0	S Layer Pass Filler metal Amps 125 Voits 22	v 1 v 1 v 1.2 mm v	(130)		

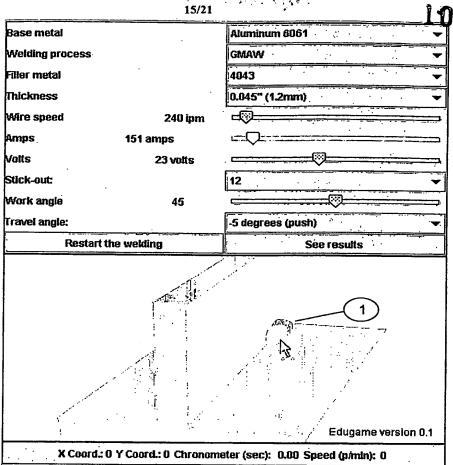


FIG 12



**FIG 13** 

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**FIG 14** 

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**FIG 15** 

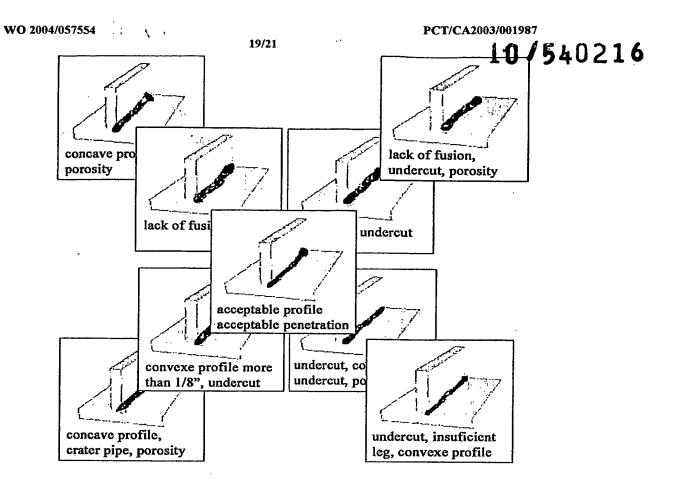
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**FIG 16** 

Edugame version 0.1

**FIG 17** 

X Coord.: 275 Y Coord.: 161 Chronometer (sec): 2.9 Speed (p/min): 0



**FIG 18** 

図		1	130	× (4)			_	_	_				_	Ė	_		_				,
	Penetration OK	lent	ient	Iclent	fclent	lent	lent	fent	lent	tent	lent	fert	lent	lant	ient	lent	lent	ient	ient	ing.	
		Suffic	Buffic	Insuff	Insuff	Sufficient	3	<u>8</u>	Buffic		Sellic	Ballic	8	Suffic	8 8	Buffe	3	Suffic	<u>8</u>	Sinffic	
***************************************	Penetration	2.3667558551.	2.3867558551.	0.091396 1.7946064686 insufficient	0.121861 1.6329483930 Insufficient	0.019387 2.4546806337 Sufficient	029690683   0.019387   2.4546908337 Sufficient	2.4546906337.	2.4546908337.	0.016404 2.4724700618 Sufficient	0.016404 2.4724700616 Sufficient	0.016404 2.4724700618 Sufficient	0.030465   2.3667558551   Bufficlent	0.030485 2.3887558551 Sufficient	.077836498   0.030465   2.3667558551   Bufficient	2.4786700669.	3.015232 2.4786700669 Sufficient	0.013758 2.4858128188 Bufficient	2.4858128166 Bufficient	0.013758 2.4858128186 Sufficient	
	Surface	0.030485_	0.030465	0.091396	0.121861	0.019387	0.019387	0.019387	0.019387	0.016404	0.016404	0.016404	0.030465	0.030485	0.030465	0.015232	0.015232	0.013758	0.013758	0.013758	
	Max weight   Weight OK   Surface Fusion   Surface	0.077836498   0.030485   2.3667558551   Sufficient	0.077836498   0.030465   2.3867558551   Bufficient	3.897454294	21.23039182	0.029690683_	0.029690683	0.029690683_   0.019387_   2.4546906337_   Sufficient	0.029690683 0.019387 2.4546906337 Sufficient	0.021889105	0.021889105	0.021889105	0.077836498	0.077836498	0.077836498	0.019254585 0.015232 2.4786700669 Sufficient	0.019254585	0.016246300	0.016246300	0.018248300	ŀ
	Weight OK	Incorrect	Incorrect	Correct	Correct	Incorrect	Incorrect	Incorrect	Incorrect	Incorrect	Incorrect	Incorrect	Incorrect	Incorrect	Incorrect	Incorrect	Incorrect	Incorrect	Incorrect	Incorrect	
		0.04149_ 0.1457728_ Incorrect	0.04149 0.1457728 Incorrect	0.04148_ 0.1152576 Correct	0.1114432. Correct	0.04149_0.1719287_	0.04149_0.1719287_ Incorrect	.04149   0.1719287   Incorrect	0.04148_ 0.1719287_ Incorrect	0.04149 0.1850066 Incorrect	0.04149_0.1850086_	0.04149 0.1850066	0.04149 0.1457728	0.04149 0.1457728	0.04149 0.1457728	0.04149 0.1915456 Incorrect	.04149 0.1915456	0.04149 0.2013541	0.04149_0.2013541	In Data 9 In 2013541	88
	Weight	_	0.04149	0.04148	0.04149	0.04149	0.04149	0.04149			0.04149		0.04149	0.04149	0.04149	0.04149	0.04149	0.04149	0.04149	0.04149	Close
A SECTION OF THE	Min. Weight	0.04256875	0.04256875	0.01418958	0.01084218_	0.06689375	0.06688375	0.06689375	0.06689375	0.07905625	0.07905625	0.07905625	0.04256875	0.04256875	0.04256875	0.0851375	0.0851375	0.09425937	0.09425937	n n9425937	
in the second second	Arc speed	14	14	0	0	22	7.7	22		26	26	26	14	14	14	28	28	31	31	31	
e displayed in the	Ellipse width	15.6913635	15.6913635	18.8978861	19.3959361	13.7140492	13.7140492	13.7140492	13.7140492	12.9057684	12.9057684	12.9057884	15.6913835	15.6913635	15.6913635	12.5374094	12.5374094	12.0239114	12.0239114	120239114	
	Ellipse height   Ellipse width   Arc speed   Min. Weight   Weight	28.27981238   15.6913635   14	28.27981238 15.6913635  14	23.48139953 18.8978861	22.87844284   19.3959361	32.35724241 13.7140492 22	32.35724241	32.35724241 13.7140492 22	32.35724241   13.7140492   22	34.38375771 [12.9057684 [26	34.38375771 12.9057684 26	34.38375771 112.9057884 26	28.27981238 15.6913835 14	28.27981238 [15.6913635	28.27881238	35.39397963 12.5374094 28	35.39397963 12.5374094   28	36.90552924 12.0239114 31	36.90552924 [12.0239114 [31	136 90557974	
g results	Ellipse Y	91.0	92.0	93.0	93.0	95.0	0.96	97.0	98.0	98.0	98.0	100.0	101.0	102.0	104.0	105.0	106.0	108.0	109.0	1100	
∰ Welding results	EllpseX	317.0	317.0	316.0	316.0	315.0	314.0	313.0	313.0	312.0	312.0	311.0	311.0	310.0	309.0	307.0	306.0	305.0	304.0	303.0	

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